

(12) UK Patent Application (19) GB (11) 2 390 858 (13) A

(43) Date of A Publication 21.01.2004

(21) Application No: 0218372.3

(22) Date of Filing: 15.07.2002

(71) Applicant(s):
Andrew Wye
49 Lee Terrace, LONDON, SE3 9TA,
United Kingdom

(72) Inventor(s):
Andrew Wye

(74) Agent and/or Address for Service:
Andrew Wye
49 Lee Terrace, LONDON, SE3 9TA,
United Kingdom

(51) INT CL⁷:
B60J 11/00, E04H 9/14

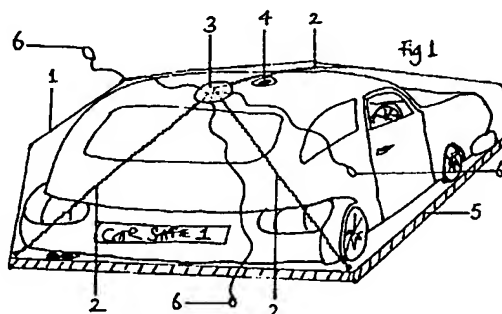
(52) UK CL (Edition W):
E1D DTEB

(56) Documents Cited:
WO 1997/037867 A JP 2002144885 A
US 6273113 A US 6059105 A
US 4773456 A

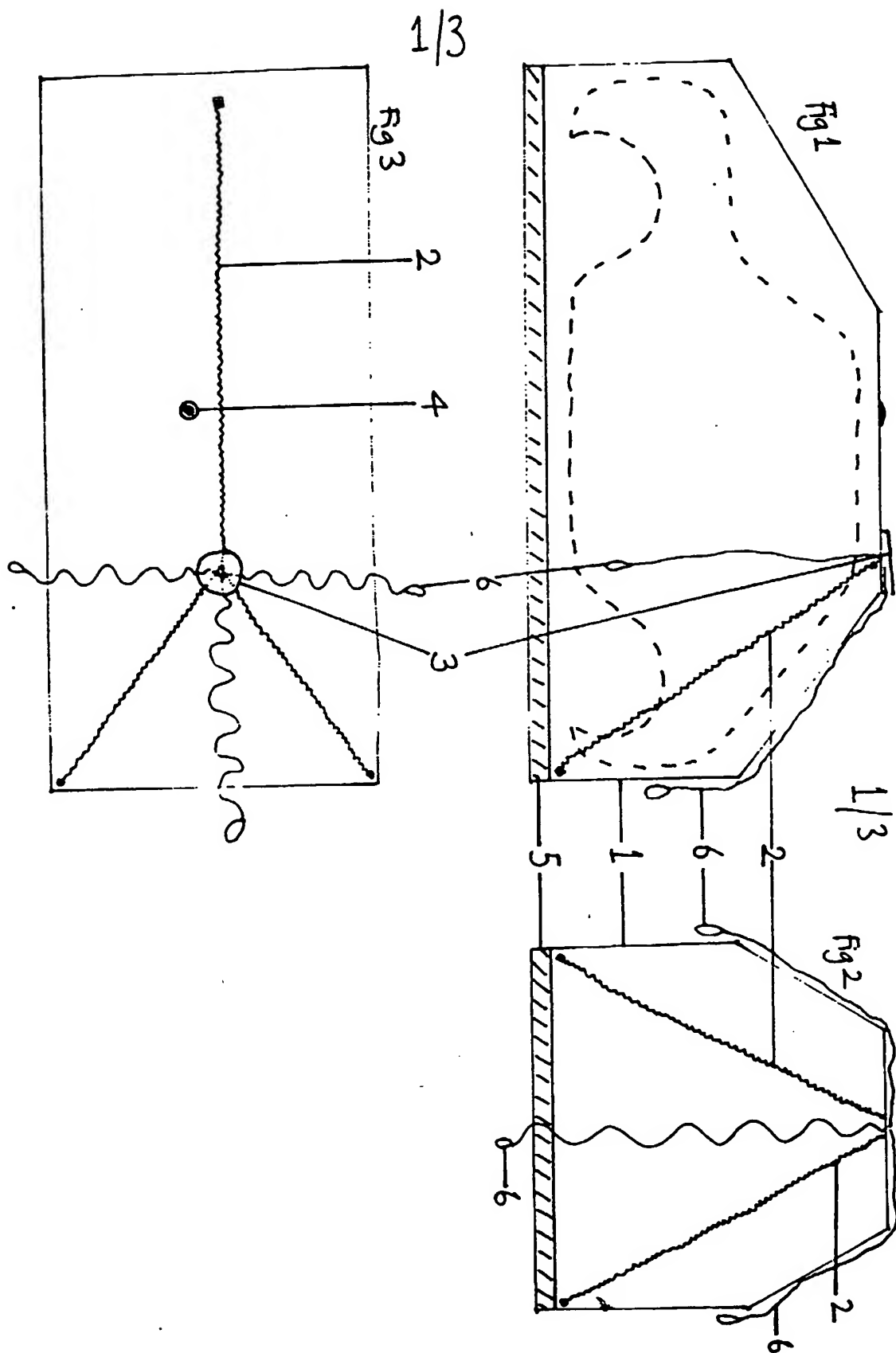
(58) Field of Search:
UK CL (Edition T) E1D DF106 DTEB
INT CL⁷ B60J, E04H
Other: ON - LINE : EPODOC, PAJ,WPI

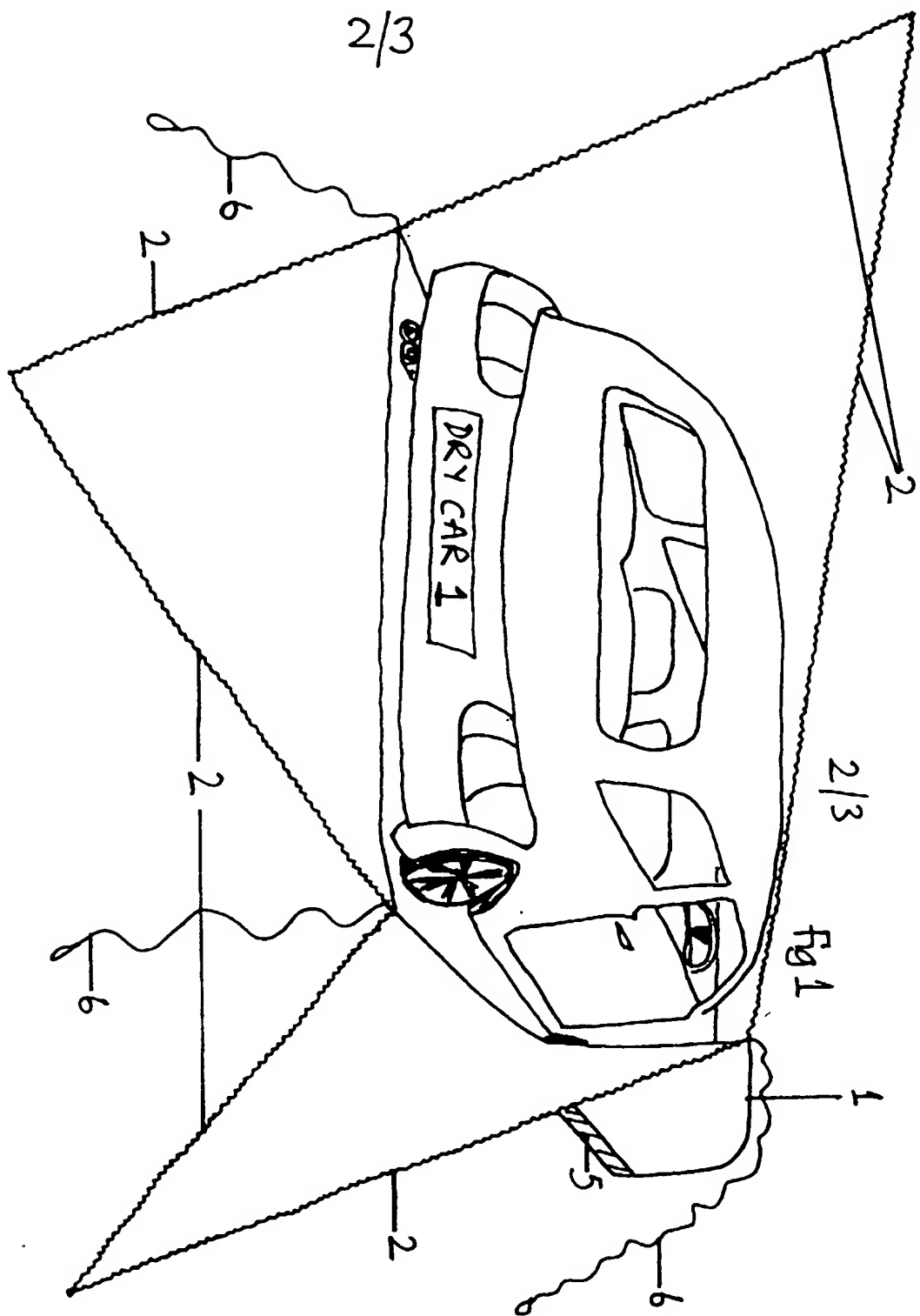
(54) Abstract Title: Watertight car / vehicle cover to protect against flood

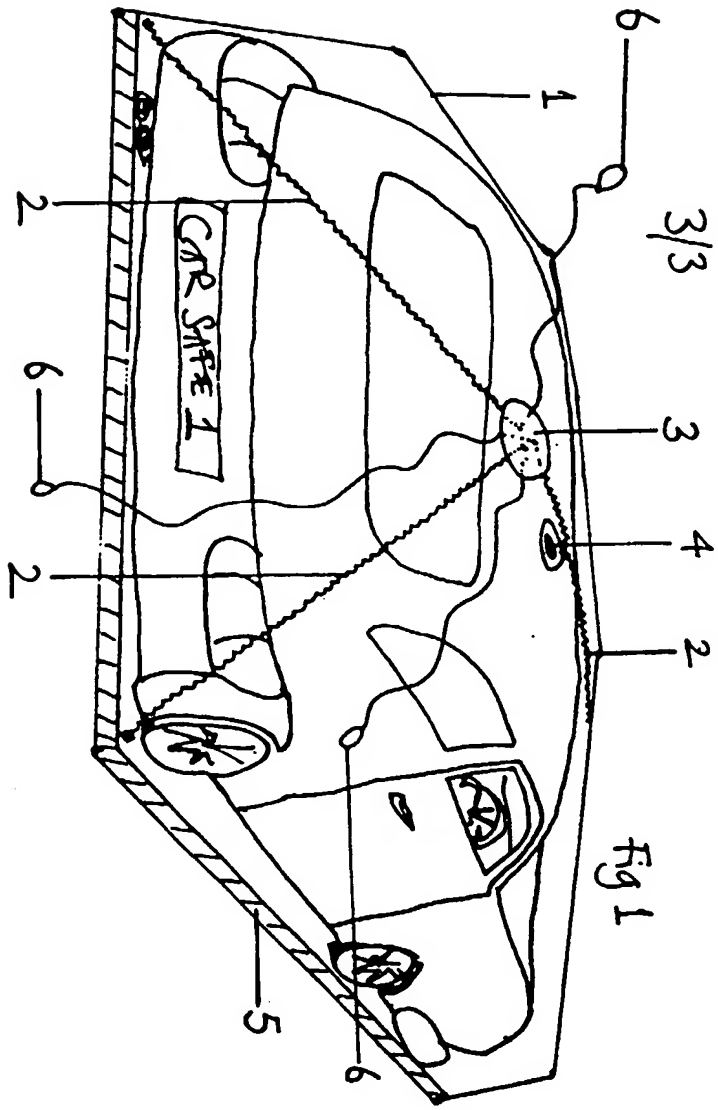
(57) A watertight car cover that protects the vehicle from ground level upwards in cases of rising water e.g. flooding. The cover is sealed by means of waterproof zips 2 that open to allow the vehicle to be driven or pushed in and out of the cover. The cover 1 is made from uniform gauge reinforced PVC, the base 5 of the cover is made from heavier gauge reinforced PVC. Where the zips converge at a point on the roof they are protected from rain ingress by a PVC flap 3. There is a non-return valve 4 at the peak of the cover to allow trapped air to escape. The zips 2 have leads 6 attached to facilitate ease of use. The cover can be supplied in a range of colours.



GB 2 390 858 A







WATERTIGHT CAR/VEHICLE COVER

This invention refers to a watertight, sealed car cover.

Car covers have been used to provide dust and rain protection for vehicles when not in use. These types of covers are not watertight and usually attach by hooks to the upper edges of the wheel arches of the vehicle, or else by means of an elasticated hem.

These covers offer some protection from water and dust from above but because of the absence of any protection from ground level they offer no protection from rising water levels, such as in cases of flooding.

According to the present invention there is provided a fully watertight envelope in the form of a pouch that is opened and sealed by means of waterproof zips. This means therefore that the enclosed vehicle is fully protected from ground level upwards from rising water in case of flooding.

The watertight cover would be made from a rip-proof PVC type material and this would also allow colour preference to be incorporated into the finished product.

A preferred embodiment of the invention will now be described by way of example with reference to the accompanying drawings in which:

Figures 1, 2 and 3 on sheet 1/3 show the side elevation (Fig1), end elevation (Fig2) and plan (Fig3) of the vehicle cover in sealed position with outline of vehicle enclosed (Fig1).

Figure 1, sheet 2/3 shows the cover in perspective in the open position;

Figure 1, sheet 3/3 shows the cover in a similar perspective in the sealed position.

Referring to the drawings the cover comprises a solvent/heat-welded reinforced PVC cover 1 with waterproof zips 2 that open to allow driven or pushed entry and exit to the sealed cover 1. Zips 2 have extended leads 6 that facilitate easier usage.

In the sealed position, Fig1, 3/3, the zips converge at a central point at the top of the cover where they are covered by a flap 3 to prevent rain ingress.

At the highest position is a non-return valve 4, 3/3 that allows air to escape from the cover.

At ground level where there is contact with tyres and ground, heavier gauge reinforced PVC, 5, is used.

CLAIMS

- 1 A sealed, watertight vehicle cover that protects the vehicle from rising water in cases of flooding.
- 2 A cover as claimed in Claim 1 where waterproof zips allow a watertight seal.
- 3 A cover as claimed in Claims 1 and Claim 2 where waterproof zips allow entry and exit to the sealed cover.
- 4 A cover as claimed in Claim 1 where any compressed air can escape by means of a non-return valve at the highest point of the cover.
- 5 A cover as claimed in Claim 1 the convergence point of the waterproof zips is covered by a flap that prevents rain ingress.
- 6 A cover as claimed in Claim 1 whose zips have extended tags attached where necessary depending on size of vehicle to facilitate easier usage of zips.
- 7 A cover as claimed in Claim 1 whose materials allow for colour preference to be incorporated into the finished product.



Application No: GB 0216372.3
Claims searched: 1 - 7

Examiner: J D Cantrell
Date of search: 7 November 2002

Patents Act 1977 Search Report under Section 17

Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK CI (Ed.T): E1D: DTEB, DF106

Int CI (Ed.7): E04H B60J

Other: ON - LINE: EPODOC, PAJ, WPI

Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
X	WO 97/37867 A URTITI	1,7
X	JP 2002144885 A ISHIYAMA	1,7
X	US 6273113 STREYCKMANS	1-4,6,7
X	US 6059105 ALLAIN	1,7
X	US 4773456 RODGERS	1,7

X Document indicating lack of novelty or inventive step
Y Document indicating lack of inventive step if combined with one or more other documents of same category.

& Member of the same patent family

A Document indicating technological background and/or state of the art.
P Document published on or after the declared priority date but before the filing date of this invention.
E Patent document published on or after, but with priority date earlier than, the filing date of this application.